

**ABSTRACT**

An echo canceller can efficiently remove the offset component from a voice call that can use an audio signal of a communication band wider than the conventional band and can provide a stable call with high communication quality. The echo canceller of the present invention removes an echo component by using an adoptive algorithm, and includes: a pseudo-echo forming means including a pseudo-echo generation section for generating a pseudo-echo signal in accordance with a tap coefficient and a far-end input signal, and a coefficient update section for updating the tap coefficient; a sending filter means for removing a low-frequency component included in a near-end input signal component; a pseudo-echo filter means for removing a low-frequency component included in the pseudo-echo signal from the pseudo-echo forming means; and an echo cancellation means for removing an echo component included in the near-end input signal component passing through the sending filter means, and an echo component in accordance with a pseudo-echo signal passing the pseudo-echo filter means.